

LOWER SNAKE RIVER COMPENSATION PLAN

**MAINTENANCE, IMPROVEMENTS,
AND EQUIPMENT REPLACEMENT**

FACILITIES

- ▶ **LSRCP owns and administers fish rearing programs at 26 facilities scattered across Idaho, Oregon, and Washington.**
- ▶ **Replacement value of these facilities is approaching \$500,000,000**
- ▶ **Operational equipment and vehicles have a replacement value of nearly \$30,000,000**

AGING FACILITIES

- ▶ Construction of LSRCF facilities began in 1980 with McCall FH and South Fork Salmon River Satellite, and concluded with completion of the Fall Chinook Acclimation facilities (Pittsburgh Landing, Big Canyon – Idaho, and Captain John's Rapids) in the mid 90's.
- ▶ Some facilities are approaching 40 years old; maintenance needs are increasing.

FUNDING

- ▶ Currently, LSRCP is able to budget approximately \$5.0M to \$5.5M annually to address facility maintenance, improvements, including compliance improvements, and equipment replacement.
- ▶ As facilities age, maintenance and equipment replacement needs will continue to grow.

PROJECT ID.

- ▶ Annual LSRCP condition assessments
- ▶ 5-Year condition assessment (regional FWS personnel)
- ▶ Environmental audits
- ▶ Safety inspections
- ▶ Bridge inspections

- ▶ HATCHERY MANAGERS

5 – YEAR PLAN

- ▶ We maintain a 5-year plan to address maintenance, improvements, and equipment replacement at all LSRCP facilities.
- ▶ This is a good planning tool to identify and prioritize projects.
- ▶ Size of the LSRCP program allows enough flexibility to address emergencies that arise without significant impact to the program, in most cases.
- ▶ The 5-year planning process has to remain fluid.

COMPLIANCE EVALUATION

- ▶ In FY2017 contractors completed evaluations at most LSRCP facilities to determine if facilities met current NOAA Fisheries and / or State standards for Fish Screens, Fish Ladders and Traps, and Fish Weirs.
- ▶ In FY2018, LSRCP initiated design efforts for improvements to bring many facilities into compliance.
- ▶ Construction to begin upon completion of design and permitting; based on priority and funding availability.
- ▶ LSRCP facility compliance will take many years.

FY2017 HIGHLIGHTS

- ▶ LHO infrastructure chinook raceways - Dworshak
- ▶ New asphalt for entrance road and grounds - Lookingglass
- ▶ Hatchery building roof repair - Lookingglass
- ▶ Covered tanker and large equipment storage - Hagerman
- ▶ Additional operational space – Eagle Fish Health Lab
- ▶ Initiated design/const of new, safe drinking water well - Irrigon
- ▶ Chiller system - Irrigon
- ▶ Repair and improve irrigation system – Lyons Ferry
- ▶ Back-up generator for TW2 (tempering) well - Lookingglass

FY2017 HIGHLIGHTS

- ▶ Employee bunkhouse expansion & improvement – Powell Satellite
- ▶ Shade cover over small raceways - Sawtooth
- ▶ Dredge water intakes – Sawtooth, Lookingglass
- ▶ Replace water inflow valves for rearing vats - Sawtooth
- ▶ Residence kitchen flooring & cabinet replacement – Magic Valley
- ▶ Flood restoration – Big Canyon - Oregon
- ▶ New outflow screens for large rearing lakes – Lyons Ferry
- ▶ Water intake improvements – Tucannon
- ▶ New residence furnaces & hot water heaters – Sawtooth

Entrance road Lookingglass



A paved road with white edge lines curves through a landscape of tall, dry grass and dense evergreen trees. A small yellow and black striped marker is visible on the left shoulder of the road.

Entrance road -
Lookingglass

New asphalt Lookingglass







Old chiller system at Irrigon